



of FORM PTO-1449 (Modified)

Serial No 10/032,933  
Applicants: Richard E. Smalley et al.  
Filing Date: December 28, 2001  
Group: 1754  
Atty. Docket No.: 11321-P012USD1

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANTS' INFORMATION DISCLOSURE  
STATEMENT**

Reference Designation

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SLA AAA	5,698,175	12/16/1997	Hiura et al.	423	447.1	
ABA						
ACA						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
ADA						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner  
Initial

SLA AEA

AJAYAN et al., "Opening carbon nanotubes with oxygen and implications for filing," *Nature*, Volume 362, pp. 522-525 (April 8, 1993).

Examiner:

Hendricks

Date Considered:

12/23/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
ABA	EP 1 176 234 A2	12/05/1993	European			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner  
Initial

- ☒ ACA LI, et al., "Large-Scale Synthesis of Aligned Carbon Nanotubes," *Science*, Volume 274, December 6, 1996, pp. 1701-1703.  
☐ ADA LIU, et al., "Fullerene Pipes," *Science*, Volume 280, May 22, 1998, pp. 1253-1256.  
☐ AEA THESS, et al., "Crystalline Ropes of Metallic Carbon Nanotubes," *Science*, Volume 273, July 26, 1996, pp. 483-487.  
☐ AFA TOHJI, et al., "Purifying single-walled nanotubes," *Nature*, Volume 383, October 24, 1996, pp. 679.  
☐ AGA TOHJI, et al., "Purification Procedure for Single-Walled Nanotubes," *J. Phys. Chem. B*, Volume 101, No. 11, 1997, pp. 1974-1978.  
☐ AHA AJAYAN, et al., "Nanometre-size tubes of carbon," *Rep. Prog. Phys.*, Volume 60, 1997, pp. 1025-1062.  
☐ AIA FISHBINE, "Carbon Nanotube Alignment and Manipulation Using Electrostatic Fields," *Fullerene Science & Technology*, Volume 4(1), 1996, pp. 87-100.  
☐ AJA AJAYAN, et al., "Aligned Carbon Nanotube Arrays Formed by Cutting a Polymer Resin-Nanotube Composite," *Science*, Volume 265, August 26, 1994, pp. 1212-1214.  
☐ AKA WANG, et al., "Properties of Buckytubes and Derivatives," *Carbon*, Volume 33, No. 7, 1995, pp. 949-958.  
☐ ALA SEN, et al., "Structures and Images of Novel Derivatives of Carbon Nanotubes, Fullerenes and Related New Carbon Forms," *Fullerene Science and Technology*, Volume 5(3), 1997, pp. 489-502.  
☐ AMA DRAVID, et al., "Buckytubes and Derivatives: Their Growth and Implications for Buckyball Formation," *Science*, Volume 259, March 12, 1993, pp. 1601-1604.  
☐ ANA SMALLEY, "From dopyballs to nanowires," *Materials Science and Engineering*, Volume B19, 1993, pp. 1-7.  
☐ AOA CHEN, "Growth and Properties of Carbon Nanotubes," *Thesis for the degree Master of Science, Rice University, Houston, Texas, May 1995*.  
☐ APA RINZLER, et al., "Field Emission and Growth of Fullerene Nanotubes," *Presented at the Fall, 1994 MRS Meeting, November 28, 1994, Boston, submitted for MRS proceedings, Volume 359*.  
☐ AQA GAMALY, et al., "Mechanism of carbon nanotube formation in the arc discharge," *Physical Review B*, Volume 52, Number 3, July 15, 1995-I, pp. 2083-2089.  
☒ ARA GE, et al., "Scanning tunneling microscopy of single-shell nanotubes of carbon," *Appl. Phys. Lett.*, Volume 65(18), October 31, 1994, pp. 2284-2286.

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